

Product datasheet for **RC219536L4V**

SMURF1 (NM_181349) Human Tagged ORF Clone Lentiviral Particle

Product data:

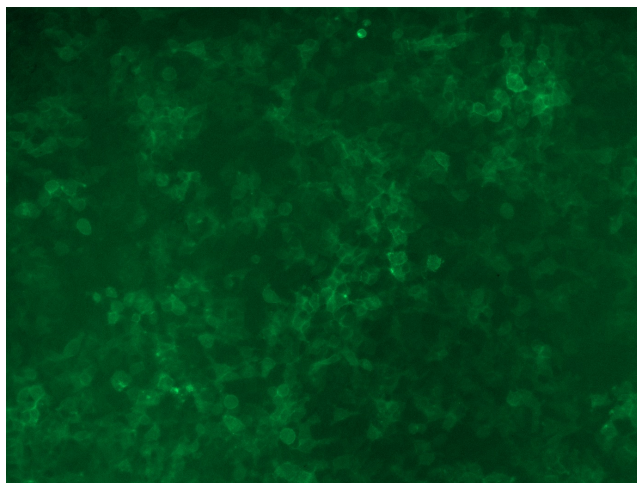
Product Type:	Lentiviral Particles
Product Name:	SMURF1 (NM_181349) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SMURF1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_181349
ORF Size:	2193 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219536).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_181349.1
RefSeq Size:	5659 bp
RefSeq ORF:	2196 bp
Locus ID:	57154
UniProt ID:	Q9HCE7
Cytogenetics:	7q22.1
Protein Families:	Druggable Genome
Protein Pathways:	Endocytosis, TGF-beta signaling pathway, Ubiquitin mediated proteolysis
MW:	83.3 kDa



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Gene Summary:

This gene encodes a ubiquitin ligase that is specific for receptor-regulated SMAD proteins in the bone morphogenetic protein (BMP) pathway. This protein plays a key roll in the regulation of cell motility, cell signalling, and cell polarity. Alternative splicing results in multiple transcript variants encoding different isoforms.[provided by RefSeq, Dec 2010]

Product images:

[RC219536L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC219536L4V particle to overexpress human SMURF1-mGFP fusion protein.